

Trebuchet

What is a trebuchet?

What is the difference between a trebuchet and a catapult?

Look at several designs for trebuchets. What design changes can you make to alter its performance? Make a list and tell what it changes. You should have at least 3.

We will be designing a trebuchet to launch a water balloon at least 30 feet to hit a target. First, we will be constructing a prototype. What is a prototype? Why is it a good idea to use a prototype?

The materials provided for the prototype will be popsicle sticks, hot glue, tape, string, dowel rods, fabric, or any approved materials that you bring. Make a drawing of your design and include what you would like to use for materials for the actual design.